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Signal-Tech
STU-800CTRL
Gang Switch

Signal-Tech STU-800CTRL Gang Switch User Manual
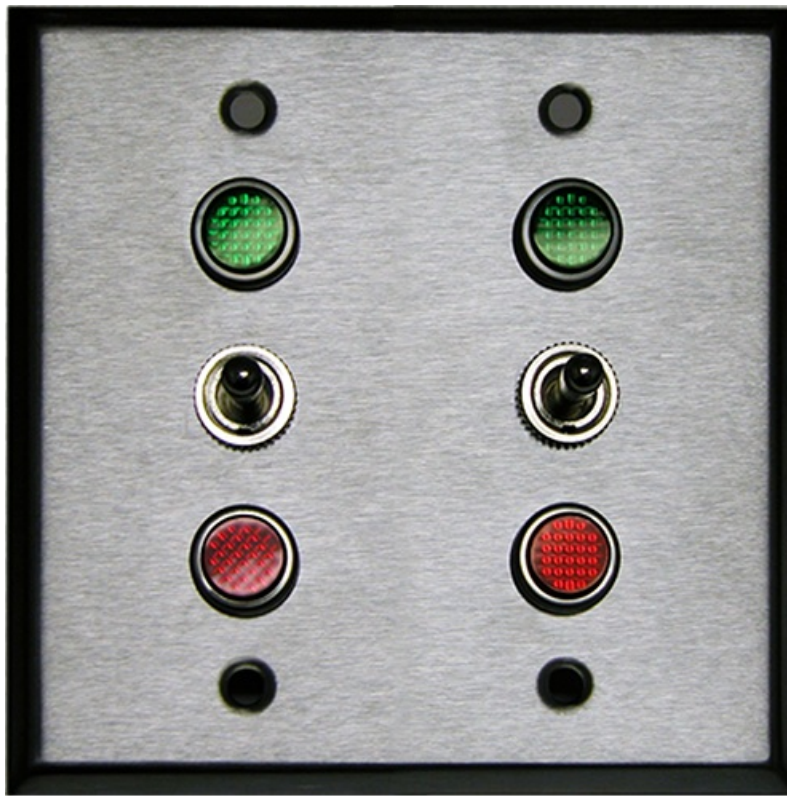
Contents

Signal-Tech STU-800CTRL Gang Switch

Product Specifications

- Product Name: STU-800CTRL Gang Switch
- Controller Type: Multi-purpose
- Compatibility: Low to medium-power draw lighting and accessories
- Mounting: Comes with mounting bracket
- Accessories: 4 shallow self-tapping screws, 2 machine screws, 4sheets of sticker labels
- Customization: Buttons can be customized with sticker labels

Product Usage Instructions

Installation

1. Secure the mounting bracket using the provided 4 shallow self-tapping screws onto the desired location.
2. Assemble the swivel bracket using the 2 machine screws to attach it to the mounting bracket.
3. Attach the controller unit to the swivel bracket securely.

Customization
Use the provided sticker labels to customize the buttons on the controller according to your preferences or specific functions.

Operation
Refer to the user manual for specific instructions on operating the STU-800CTRL Gang Switch for controlling your lighting and accessories effectively.

STU-800CTRL Gang Switch Manual

The 800CTRL is a multi-purpose controller box that is appropriate for multiple groups of low to medium-power

draw lighting and accessories. From simple auxiliary LED flood lights to a system of emergency warning light heads and strobes, the 800CTRL controller is capable of handling it all while keeping much of your dashboard and center console area clean and tidy.

Functionality

- Built-in non-volatile memory restores any buttons that were enabled following an unexpected loss of power
- Reverse-polarity protection
- Automatically disables backlight after 30 seconds of inactivity (does not apply when one or more of the buttons on the unit is toggled on).
    - Eliminates the need for a master power switch and allows the unit to be available for immediate use even when on standby.
- Each of the 8 buttons on the controller operates independently of one another and can each handle up to 10A of output (fuse not included, please fuse the circuit externally as your use case requires).
    - Each button has two functions: on/off toggle and momentary
- To change the button from on/off toggle to momentary and vice versa, hold the desired button down for more than 15 seconds until you hear the relay click and the backlight turns back to white
- Backlight in standby mode is white and turns red when the switch is enabled
- The unit has a total of 10 wires
    - Two larger gauge wires, red and black, are the main 12V+ and ground respectively
    - The other 8 smaller gauge wires are each correlated to one of the nine buttons on the controller's face and will supply 12V+ to your desired item.

The 800CTRL Controller comes with a mounting bracket, 4 shallow self-tapping screws (for i nstalling the swivel bracket onto the back of the controller unit), 2 machine screws (for assembling the swivel bracket), and 4 sheets of sticker labels to customize the buttons.

Questions?
Email us at **support@signaltechunlimited.com** or call/text us at +1-**808-400-6505** (standard rates may apply)

Frequently Asked Questions

Q: How do I reset the controller unit?
A: To reset the controller unit, press and hold the reset button located on the side of the unit for 10 seconds.

Q: Can I install this controller in my vehicle?
A: Yes, the STU-800CTRL is suitable for use in vehicles and comes with a mounting bracket for easy installation.

Q: How can I contact customer support?
A: For any questions or support needs, please email us at **support@signaltechunlimited.com** or call/text us at +1-**808-400-6505** (standard rates may apply).

Documents / Resources

Signal-Tech STU-800CTRL Gang Switch [pdf] User Manual
STU-800CTRL Gang Switch, STU-800CTRL, Gang Switch, Switch

References

- **User Manual**